Author index

Abplanalp, H. 291
Albert, E. 131
Alexander, J. 169
Alosco, S. 89
Alper, C. A. 89
Andersson, L. 123
Andrew, S. M. 21
Auffray, C. 179, 405
Awdeh, Z. 89

Bach, J. F. 233
Baecher, C. M. 307
Baker, E. 412
Behar, G. 179
Bluestone, J. A. 220
Bodmer, J. G. 131, 141
Bodmer, W. F. 131
Boitard, C. 233
Bontrop, R. E. 217
Boyse, E. A. 296
Brown, G. D. 94

Cameron, P. U. 253
Carlsson, B. 285
Carter, C. A. 211
Castle, L. 275
Christadoss, P. 241
Cohen, D. 233
Coligan, J. E. 220
Costello, R. 198
Couez, D. 198
Cresswell, P. 169
Cron, R. Q. 220

Dalchau, S. R. 152
Dalzell, J. G. 145
Dausset, J. 233
David, C. S. 63, 241, 275
Davis, A. P. 7
Dawkins, R. L. 217, 253
Deacon, N. J. 21, 202
Del Pozzo, G. 229, 368
Demant, P. 347
Dennert, G. 161
Deschamps, I. 233
Dijkhof, R. J. M. 29, 37
Dilwith, R. 315
Dorfman, K. S. 307
Dowling, T. 94
Dupont, B. 131

Egan, G. 94
El-Gamil, M. 1
Emery, D. W. 65, 73
Engler-Blum, G. 245
Erlich, H. A. 131, 217

Fabre, J. W. 152, 211
Figueroa, F. 45
Flaherty, L. 315
Flanagan, B. F. 13
Fowler, V. J. 152
Frangoulis, B. 389
Fraser, P. A. 89
Frelinger, J. A. 169
Frelinger, J. G. 307
Friedman, S. 104
Fugger, L. 278
Furukawa, K. 296

Garson, O. M. 356, 412
Gasser, D. L. 377
Gekeler, V. 245
Germana, S. 1, 52
Gershwin, M. E. 291
Gill, T. J., III 271, 326
Giphart, M. J. 29, 37
Goble, R. 393
Gojobori, T. 79
Goldberg, E. H. 393
Goldner-Sauvé, A. 377
Gorski, J. 127
Groenen, M. A. M. 29, 37
Guardiola, J. 229, 368
Guseo, A. 383
Gustafsson, K. 1, 52
Gyllensten, U. B. 217
Gyódi, É. 383

Haas, H. 245
Hämmerling, U. 104
Hanzawa, N. 79
Hart, A. A. M. 347
Hayes, C. E. 127
Hedrick, S. M. 118
Heise, E. R. 217
Hennings, M. 191
Hensen, E. J. 123
Hickey, W. F. 377
Hirsch, F. 1, 52
Hogarth, P. M. 191, 202, 356
Hopkins Sibley, C. 65, 73
Hunt, S. W., III 145

Inoko, H. 188
Ishiguro, N. 57
Ishiura, M. 79
Islam, M. Q. 271

Jackman, S. H. 393
Johnson, A. H. 89
Johnston, E. 291
Jones, P. P. 217
Joosten, I. 123
Jørgensen, A. W. 207

Kálmán, B. 383
Kashiwagi, H. 188
Keve, S. 241
Kimura, H. 361
Klein, J. 45, 215, 217
Knobloch, C. 161
Knowles, R. W. 112
Kolb, W. P. 145
Koning, F. 340
Kozak, C. A. 265
Krall, M. 265
Kraus, J. P. 271
Kroemer, G. 179, 405
Kuntár, L. 383
Kunz, H. W. 326

Lafage-Pochitaloff, M. 198
Lafuse, W. P. 275
Lah, M. 202
LeGuern, C. 1, 52
Leonard, L. 315
Levan, G. 271
Liabeuf, N. 207
Locker, J. 271
Loveland, B. 61
Lovering, E. 333

Mach, B. 131
Mackay, I. R. 61
Maffei, A. 368
Mannoni, P. 198
Marcadet, A. 233
Marcus-Bagley, D. 89
Marsh, S. G. E. 131, 141
Martell, M. 233
Marzuki, S. 61
Matell, G. 285
Matsui, Y. 188
Mattei, M.-G. 307
Matteucci, B. M. 145
Mawas, C. 198
Mayr, W. R. 131
McBride, O. W. 265
McKenzie, I. F. C. 21, 191, 202, 356, 412
Meruelo, D. 94
Michaelson, J. 410
Mock, B. A. 265
Moen, C. J. A. 347
Moine, A. 233
Moore, B. 89
Moriwaki, K. 79
Morling, N. 278
Mouton, D. 389
Müller, C. A. 245
Myones, B. L. 145

Nagy, C. 383
Nakayama, K. 361
Nesbitt, M. N. 265
Nonaka, M. 361

Ohura, T. 271
Olive, D. 198
Ombra, M. N. 368
Osman, N. 191
Owen, M. J. 13

Palffy, G. 383
Palfree, R. G. E. 104
Parham, P. 131, 217
Parker, D. 296
Parker, K. E. 211
Pattanakitsakul, S. 361
Payne, J. A. 169
Perfetto, C. 368
Petrányi, G. 383
Pirskanen, R. 285
Pla, M. 389
Pratt, K. 1, 52
Probst, H. 245
Pulendran, B. 253
Purcell, D. F. J. 21

Quelch, K. 202

Radojcic, A. 326
Rathbun, D. 315
Reed, W. 145
Reid, J. 291
Renauld, J.-C. 265
Rivière, M. 271
Robinson, W. 253
Rogers, P. 296
Rooney, J. W. 65, 73
Roopenian, D. C. 7
Röpcke, G. 347
Ross, G. D. 145
Roubey, R. A. S. 145
Rowley, M. 61
Rubin, B. 207
Ruyter, D. 29
Ryder, L. P. 278

Sachs, D. H. 1, 52
Saga, Y. 296
Sagai, T. 79
Salant, A. 410
Sandberg-Wollheim, M. 278
Sanders, M. F. 123
Sandrin, M. S. 412
Sant'Anna, O. A. 389
Sarmiento, U. M. 396, 400
Sasazuki, T. 131
Schmidt, H. 245
Schreuder, G. M. Th. 131
Sears, D. W. 191
Sertic, J. 45
Shenoy, M. 241
Shibano, K. 188
Shigekawa, B. 169
Shinagawa, M. 57
Shiroishi, T. 79
Simonetti, J. 198
Sirlin, S. 104
Smith, C. I. E. 285
Sorger, S. B. 118
Spencer, S. 333
Staunton, D. E. 188
Steiert, I. 245
Stein, R. 89
Steinmetz, M. 79
Storb, R. 396, 400
Streilein, J. W. 281
Strominger, J. A. 131
Sugawara, S. 161

Sutherland, G. R. 412
Sutton, V. R. 112
Svejgaard, A. 131, 278
Swarop, M. 271
Szpirer, C. 271
Szpirer, J. 271

Tabarias, H. A. 253
Takács, K. 383
Takahashi, M. 361
Tanaka, A. 57
Tate, B. 356
Tauszik, T. 383
Terasaki, P. I. 131
Thorley-Lawson, D. A. 188
Tine, J. A. 315
Tomonari, K. 333
Trowsdale, J. 386
Tuck-Wah, S. 13
Tung, J.-S. 296

Van der Poel, J. J. 29, 37
Van Snick, J. 265
Vidard, L. 389
Vietor, H. 340
Vincek, V. 45

Wakeland, E. K. 217, 315
Wallin, J. 285
Walsh, A. 315
Watkins, D. I. 217
Webber, L. M. 356, 412
Wegener, A.-M. K. 207
WHO Nomenclature Committee 131
Wotton, D. 13

Yamakawa-Kobayashi, K. 188
Yankelevich, B. 161
Yokoyama, S. 361
Young, J. A. T. 386
Yunis, E. J. 89

Zaleska-Rutczynska, Z. 45
Zeger, D. L. 191
Zoorob, R. 179, 405

Book review 281

Editorial announcement 240, 414

Erratum 283

In memoriam 63

Subject index

AIR-1 locus
–, effect on *HLA-DQA1* promoter 368
Announcement 240, 414
Autoimmunity, pepton hypothesis 61
Avian scleroderma
–, genetic control 291

B10.A(3R)
–, E_β sequence 127
B10.A(5R)
–, E_β sequence 127
B complex, chicken
–, class I gene 405
–, class II gene 179
Biozzi mice
–, *H-2* typing 389
Blast-1
–, genomic polymorphism 188
B lymphoblastoid cell lines (human)
–, C5 synthesis 145
B10 mice
–, myasthenia gravis 241
BoLA class II genes 29, 37
Bone marrow graft, rejection 161
Book review 281
Bovine MHC class II
–, genes 29, 37
–, RFLP and expressed polymorphism 123
Bovine T-cell receptor α chain 57

Cattle
–, *Tcra* genes 57
Cbs gene, rat 271
C4 component
–, post-transcriptional regulation 361
CD7 antigen, location 412
CD46 antigen, purification 21
CD11b cDNA sequence
–, CR3, Mac-1 antigen 191
CD3G and *D* genes
–, DNase hypersensitivity 13
–, methylation 13
CD28 gene, human
–, location 198
cDNA sequences
–, rat kidney 104
–, rat MHC class I 211
C2 gene
–, recombinant mice 275
Chicken MHC
–, class I gene 405
–, class II gene 179
Chromosome 7, mouse
–, localization of *Ly48* 307
Chromosome 17, mouse
–, DNA markers in congenic strains 45
Complement C4, mouse
–, post-transcriptional regulation 361
Complement genes, goat 253
Complement-regulating glycoproteins, CD46 21
Complotypes, African
–, frequencies 89
Congenic strains, *H-2*
–, distribution of DNA markers 45
CR3
–, CD11b cDNA sequence 191
C5 synthesis
–, in B- and T-cell lines 145
CTLA-4 gene, human
–, location 198
Cytotoxic T cells
–, $NK1^+$ differentiation 161

Differential regulation
–, by interferon 245
DLA
–, class I cDNA sequence 400
–, *DRB* cDNA sequence 396
DNA
–, Tcr selection 118
DNase hypersensitivity
–, *CD3G* and *D* genes 13
Dog
–, class I cDNA sequence 400
–, *DRB* cDNA sequence 396
DQA genes, bovine 29
DQA genes, pig 52
DQB genes, bovine 37
DRA genes, bovine 29
DRB genes, bovine 37
DRB4 null gene
–, novel HLA-DR β chain 112
DYA genes, bovine 29

1.3E2
–, NF-κB and OTF-2 activation 73
EAE
–, genetic control 377
E_β sequences
–, in B10.A(3R) and B10.A(5R) 127
E^k_α transgene
–, myasthenia gravis 241
Erratum 283
Experimental allergic encephalomyelitis
–, genetic control 377

Factor B gene
–, recombinant mice 275
FcγRII, β
–, DNA sequences 202
Fc receptor gene, translocation 356

Goat
–, complement genes 253
–, *HSP70* 253
–, *TNF* genes 253

H-2 congenic strains
–, distribution of DNA markers 45
H-$2D^d$
–, expression following MuLV infection 94
H-2^d haplotype
–, $V\beta4^+CD8^+$ T-cell population 333
HLA
–, heterogeneity and IDDM 233
HLA class I genes
–, differential regulation 245
HLA complex
–, nomenclature 131
HLA-DNA gene
–, expression 386
HLA-DQA1
–, divergence from *HLA-DQA2* 229
HLA-DQA2
–, divergence from *HLA-DQA1* 229
HLA-DQA1 promoter
–, effect of *AIR-1* locus 368
HLA-DQw6
–, multiple sclerosis 383
HLA-DR β chain, novel
–, *DRB4* null gene 112
HLA-DRB nucleotide sequences 141
HLA DR-DQ associations
–, myasthenia gravis 285
H-4 locus, complexity of 7
H-2 recombinant mice
–, factor B and *C2* genes 275
HSP70 gene, goat 253
H-2 typing, mice 389
HuLy-m5 antigen, purification 21
Hungarian Gypsies
–, *HLA-DQw6* and multiple sclerosis 383
Hypophyseal isografts, mouse 347

IDDM
–, HLA heterogeneity 233
Ig superfamily genes
–, *CD28* and *CTLA-4* 198
IL9
–, human chromosome 5 265
–, mouse chromosome 13 265
In memoriam
–, H. Festenstein 63
Insulin-dependent diabetes mellitus
–, HLA heterogeneity 233

LPS
–, activation of NF-κB 65
Ly6-A
–, cDNA sequences 104
Ly-5 isoforms
–, selective expression 296
Ly48, mouse
–, localization to chromosome 7 307

Mac-1 antigen
–, CD11b cDNA sequence 191
Mammary tumors, mouse 347

Meiosis, female
–, in mouse 79
Methylation
–, *CD3G* and *D* genes 13
MHC antigens (class I)
–, on rat placenta 152
–, transport 169
MHC, chicken
–, class I gene 405
–, class II gene 179
MHC genome
–, conservation in the goat 253
MHC haplotypes
–, extended in Blacks 89
MHC, mouse
–, female meiosis 79
–, hypophyseal isografts 347
–, mammary tumors 347
MHC, nomenclature 217
MHC, rat 271
Miniature swine
–, *SLA* class II genes 1, 52
Minor histocompatibility locus, *H-4* 7
Monoclonal antibodies
–, defining Skn alloantigens 393
Mouse
–, β FcγRII polymorphism 202
–, complement C4 361
–, *Q* region evolution 315
–, *Tcra* locus transfer 207
Mouse spleen
–, Tcrγ proteins 220
Multiple sclerosis
–, *HLA-DQw6* 383
–, *Tcrb* germline repertoire 278
MuLV
–, H-2D^d expression 94
Myasthenia gravis
–, HLA DR-DQ associations 285
–, suppression in B10 mice 241

NF-κB
–, LPS activation 65
–, OTF-2 activation 73
NK1$^+$ cell differentiation
–, during graft rejection 161
–, into cytotoxic T cells 161
Nomenclature
–, *HLA* system 131
–, MHC 217

Odd page 215
Optic neuritis
–, *Tcrb* germline repertoire 278
OTF-2
–, NF-κB activation 73

Pa antigen, rat 326
Pepton hypothesis, autoimmunity 61
Pig class II MHC genes 1
Pig MHC, *DQA* genes 52
Polymorphism
–, mouse β FcγRII 202
Polymorphism, genomic
–, Blast-1 188
Polymorphism, MHC (class II)
–, bovine 123
Pre-B ALL cell line
–, Fc receptor translocation 356
Protein
–, Tcr selection 118
Protein domain, α_1
–, antigen transport 169
Protein domain, α_2
–, antigen transport 169

Q region, mouse
–, genetic polymorphism 315

Rat
–, class I cDNA 326
–, kidney cDNA sequences 104
–, MHC and *Chs* gene 271
–, Pa antigen 326
–, placental MHC antigens 152
Rat MHC (class I)
–, cDNA sequence 211
Recombinational hotspot
–, female meiosis in mouse 79
RT1.C/E region
–, class I cDNA sequence 211

Scleroderma, avian
–, genetic control 291
Skn alloantigens
–, defined by monoclonal antibodies 393
SLA class II genes 1, 52

T-cell development
–, *CD3* genes 13
Tcr α chain, bovine 57
Tcra locus
–, biological transfer 207
Tcrb genes
–, multiple sclerosis 278
–, optic neuritis 278
Tcr $\gamma\delta$ repertoire, human 340
Tcr γ proteins
–, mouse spleen 220
Tcr junctional regions
–, protein and DNA selection 118
TL.8 antigen 410
T lymphoblastoid cell lines (human)
–, C5 synthesis 145
TNF gene, goat 253

Vβ4$^+$CD8$^+$ T-cell population
–, *H-2^d* haplotype 333

70Z/3
–, 1.3E2 variant 73
–, NF-κB activation 65